

ABSTRACT

A holographic recording medium in which a thick holographic recording layer is formed without the use of multilayering and without accompanying thickness unevenness, scattering, and nonuniformity of dynamic range, and a method for manufacturing the same. The holographic recording medium is configured by sandwiching a hybrid material layer 14 and a photopolymer layer 16 between first and second substrates 12 and 18. The hybrid material layer 14 contains an inorganic glass and a photopolymer as main ingredients. The photopolymer layer 16 subjected to heat or ultraviolet curing is provided on the dried hybrid material layer 14 such that the combined thickness of this hybrid material layer 14 and the photopolymer layer 16 is uniform. The second substrate 18 is bonded and fixed to this photopolymer layer 16 serving as a bonding layer.